



E30-050CON2 (96-031CON2)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re : Allan Scherr  
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Assistant Commissioner for Patents  
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on November 13, 2002.

*Mary C. Hoggard*

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*Nov. 13, 2002*

November 13, 2002

Sir:

AMENDMENT TO THE DRAWINGS

Please amend FIGS. 1a through 12 and 15 in the above-identified patent application as follows:

In FIG. 1a

in block 00 add -- SERVICE PROVIDER --;

add -- CONTROL DEVICE -- and a lead line to Box 12 below

the SERVICE PROVIDER 00 --;

add -- BACKBONE LINK -- to Box 04;

add -- CONTENT PROVIDER -- to Box 02;  
add -- CACHE MANAGEMENT SYSTEM 10 -- to each of the boxes  
10;  
add -- LOCAL SITE -- to Box 06;  
add -- USER STATION -- to both Boxes 08;  
delete shading in all the cylindrical structures; and  
  
delete "14" and the lead lines;  
add -- 14 -- to each of the cylindrical structures below  
CONTROL DEVICE 12;

In FIG. 1b

delete all the shading in the cylindrical structures add -  
- CONTROL DEVICE -- to each box 12;

In FIG. 2a

change all text to upper case characters;  
in block 22 "delete A" and insert -- ENTRY --;  
in block 24 delete "Config." and insert -- CONFIGURATOR  
CONFIGURES -- and after "SUBSET" insert -- (FIG.  
2b) --;  
delete the vertical two-headed arrow between blocks 24 and  
26 and substitute a single-headed arrow extending  
from block 24 to block 26;  
delete "No." and arrow to the left of Block 32 and  
connect an arrow from the righthand corner of  
decision block 26 to block 32;

in block 30 add -- DATA -- before ALREADY;  
in block 34 after "REQUEST" insert -- DATA --;  
in each of blocks 28 and 36 after "FOR" insert  
-- CONFIGURED CACHE --

In FIG. 2b

change all text to upper case characters;  
in block 24 delete the two inner lines so the block has a  
single line border;  
in block 24a delete "FORMS?" and insert -- STORE  
THROUGH? --;  
in block 24c delete "SECURITY?" and insert --SECURITY TO  
BE PROVIDED? --;  
in each of blocks 24e, 24g, 24i, 24k, 24m and 24o before  
the "?" insert -- CACHING --;  
in each of blocks 24f, 24h, 24j, 24l, 24n and 24p delete  
"PROCESS" and insert -- PROCESSING FOR --;  
add an arrow from block 24n to intersect the arrow between  
blocks 24m and 24o and designate the arrow from block  
24m to 24o with -- NO --; and  
in block 24q delete "26" and insert -- TO STEP 26  
(FIG. 2a) --;

In FIG. 3

change all text to upper case characters;  
in block 36 delete the two inner lines so the block has a  
single line border;

add a box with a dashed border circumscribing blocks 36,  
37a and 37b;  
delete reference numerals "37a" and "37b" and substitute -  
- 36a -- and -- 36b --, respectively  
with respect to the block containing "STORE IN CACHE"  
delete "38" and insert -- 37 --;  
delete the circle 32 below block 37;  
extend the arrow from block 36b to the arrow from the  
block 38 to the circle below the block 38;  
in block 37b after "LRU" insert -- DATA --; and  
reverse the arrow between blocks 36 and 36a;

In FIG. 4

change all text to upper case characters;  
delete reference numerals "27a" and "27b" and insert --  
30a -- and -- 30b --, respectively;  
add a box with a dashed border circumscribing blocks 27a,  
27b and 30;  
in block 30 delete the internal lines so block has a  
single line border;  
at circle 28 delete "28" and insert -- TO STEP 28 (FIG.  
2a) --  
at circle 34 delete "34" and insert -- TO STEP 34 (FIG.  
2a) --

In FIG. 5

change all text to upper case characters;  
add one box with dashed borders to circumscribe blocks 28  
and 28a;  
at circle 26 delete "26" and insert -- TO STEP 26 (FIG.  
2a) --;  
at circle 38 delete "38" and insert -- TO STEP 38 (FIG.  
2a) --;  
in block 36a after "USAGE" insert -- TYPE --;  
add a second box with dashed borders to circumscribe  
blocks 36, 36a and 36b;  
in each of blocks 28 and 36, delete the inner lines so  
each block has a single line border; and  
in block 28a delete "INFO" and insert -- INFORMATION --;

In FIG. 6

change all text to upper case characters;  
delete reference numerals "27a" and "27b" and insert  
-- 26a -- and -- 26b --, respectively  
in block 26 delete the internal lines so block 26 has a  
single line border  
add a block with a dashed border to circumscribe blocks  
26, 26a and 26b  
at circle 30 delete "30" and insert -- TO STEP 30 (FIG.  
2a) --

In FIG. 7

change all text to upper case characters  
delete reference numerals "27a" and "27b" and insert --  
26a -- and -- 26b --, respectively;  
add a block with dashed borders to circumscribe blocks 26,  
27a and 27b;  
in block 26 delete the inner lines so the block has a  
single line border;  
at circle 30 delete "30" and insert -- TO STEP 30 (FIG.  
2a) --;  
reroute the arrow extending from block 26b to intercept  
the arrow extending from block 26a to block 30; and  
delete the arrow that previously extended vertically from  
the end of the arrow extending from block 26b;

In FIG. 8

change all text to upper case characters;  
in block 32 delete "32" and insert -- TO STEP 32 (FIG.  
2a) --;  
add a block with dashed borders to circumscribe blocks 36  
and 36a; and  
in block 36 delete the inner lines so the block has a  
single line border;

In FIG. 9

change all text to upper case characters;  
delete reference numeral "37" and insert -- 36a --;

add a block with dashed borders to circumscribe blocks 36  
and 36a;  
in block 36 delete the inner lines so the block has a  
single line border; and  
at circle 32 delete "32" and insert -- TO STEP 32 (FIG.  
2a) --

In FIG. 10a

change all text to upper case characters;  
in block 26 delete the inner lines so the block has a  
single line border;  
add lead lines from reference numerals 26, 26a, 26b and  
26c to their respective proximate blocks;  
in block 26 delete "?" and insert -- YES --;  
in circle 26b delete "34" and insert -- TO STEP 34 (FIG.  
2a) --; and  
in circle 26c delete "30" and insert -- TO STEP 30 (FIG  
2a) --;

In FIG. 10b

change all text to upper case characters;  
in block 26 delete the inner lines so the block has a  
single line border;  
delete reference numeral "26e" and insert -- 26e-1 --;  
delete reference numeral "26a" and insert -- 26e --;  
add lead lines from each of the reference numerals 26  
through 26g;